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Two-temperature walk-in REFRIGERATOR FOR THE FARM

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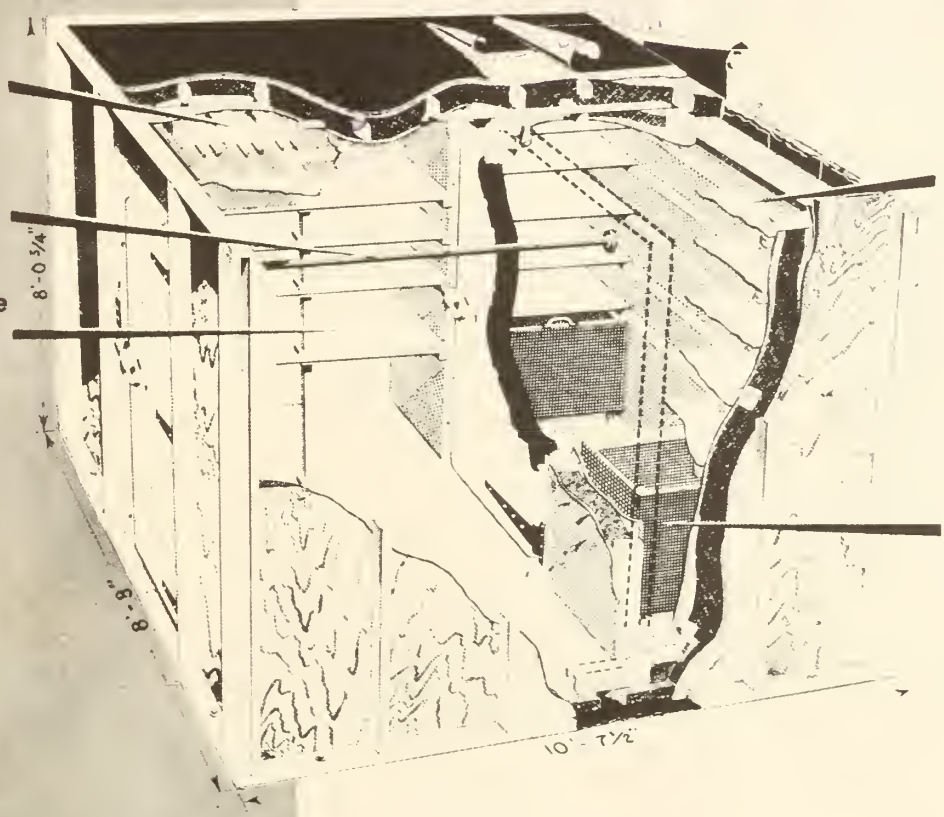

WHAT IS IT?..... A walk-in refrigerator with a room for chilling and storing meats and other farm products (approximately 250 cubic feet) and a low-temperature room for freezing and storing fruits, vegetables, and meats (approximately 100 cubic feet).

WHERE CAN IT BE BUILT?..... Inside another building, or outside with addition of siding and roof.

WHAT WILL MATERIALS COST? For one locality at 1957 prices the cost was approximately $1,250, divided about equally between building materials and refrigeration equipment.

WHAT WILL IT COST TO RUN?.. In a surrounding temperature of 70°F. it will use approximately 200 kilowatt-hours per month to maintain 35°F. in the chill room and 0°F. in the freezer room.

WHAT WILL IT DO?..... The chill room will cool one beef or one large hog or 600 pounds of other produce at one time. The freezer room will freeze 100 pounds per day.

UNITED STATES DEPARTMENT OF AGRICULTURE

LEAFLET No. 320

ISSUED OCTOBER 1951
SLIGHTLY REVISED MARCH 1958

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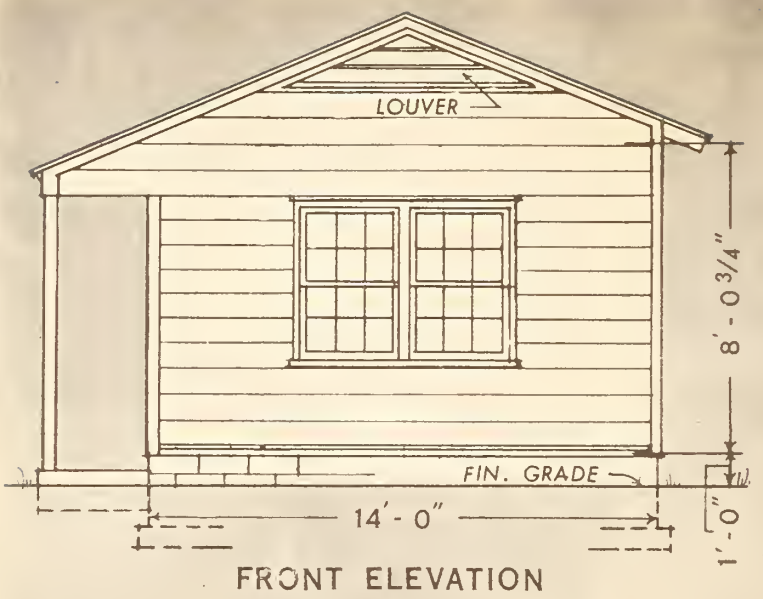
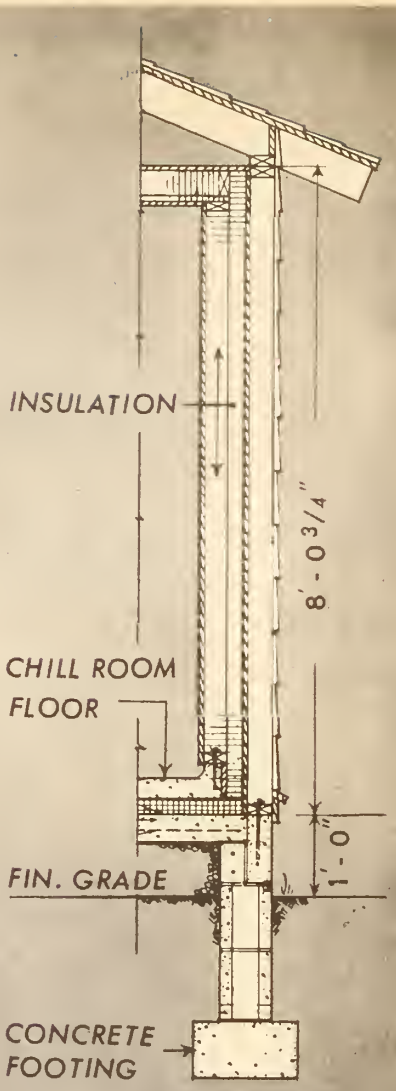


FRONT ELEVATION



TYPICAL WALL SECTION

The refrigerator can be built as a separate structure. Above is the elevation from one of two suggested designs shown on the construction drawings. This structure also includes a workroom. At right is an illustration of a typical outside wall section with minimum structural requirements for a satisfactory installation.

Working drawings (Plan No. 7102) may be obtained through the Extension Agricultural Engineer at many of the State Agricultural Colleges. A nominal charge to cover printing and mailing is usually made. If the Extension Engineer cannot furnish the plans, direct inquiries to the U.S. Department of Agriculture, Clothing and Housing Research Division, Beltsville, Md. The Department does not furnish plans directly, but will refer inquiries to the nearest State handling the requested plan.

Agricultural Research Service, U. S. Department of Agriculture
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